

IN THE UNITED STATES PATENTS AND TRADEMARK OFFICE

In re application of)	FLUORESCENT SILICA-BASED
)	NANOPARTICLES
Wiesner et. al.)	
)	
Application Serial No. 10/536,569)	Examiner:
)	
Filed: May 26, 2005)	Group Art Unit:

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
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 Alexandria, VA 22313-1450

Sir:

Submitted herewith are patents (attached hereto and listed on the attached Form PTO/SB/08A (modified) which may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR § 1.56.


While the information and references disclosed in this Information Disclosure Statement may be “prior art” pursuant to 37 CFR § 1.56, it is not intended to constitute an admission that any of said information is “material” for this invention unless specifically designated as such.

In accordance with 37 CFR § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR § 1.56(a) exists. It is submitted that the Information Disclosure Statement

is in compliance with 37 CFR § 1.98 and MPEP § 609 and the Examiner is respectfully requested to consider the listed references.

Respectfully Submitted,

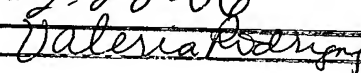
Date: February 22, 2006

By: 
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

1

of

1

Complete if Known

Application Number	10/536,569
Filing Date	May 26, 2005
First Named Inventor	Ulrich Weisner
Art Unit	
Examiner Name	
Attorney Docket Number	COR-004

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	1	US- 2003/0017264 A1	01-23-2003	Treadway, Joseph A. et al.	
	2	US- 4,279,617	07-21-1981	Masson, Pierre et al.	
	3	US- 4,774,339	09-27-1988	Haughland, R. et al.	
	4	US- 4,810,636	03-07-1989	Corey, Paul F.	
	5	US- 4,812,409	03-14-1989	Babb, Bruce E. et al.	
	6	US- 5,187,288	02-16-1993	Kang, Hee C. et al.	
	7	US- 5,248,782	09-28-1993	Haughland, R. et al.	
	8	US- 5,260,957	11-09-1993	Farhad Hakimi et al.	
	9	US- 5,274,113	12-28-1993	Kang, Hee C. et al.	
	10	US- 5,433,896	07-18-1995	Kang, Hee C. et al.	
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	12	US- 5,830,912	11-03-1998	Gee, Kyle R. et al.	
	13	US- 5,981,180	11-23-1999	Chandler et al.	
	14	US- 5,990,479	11-23-1999	Weiss, Shimon et al.	
	15	US- 6,180,415	1-2001	Schulz et al.	
	16	US- 6,207,392	03-27-2001	Weiss, Shimon et al.	
	17	US- 6,251,303	06-26-2001	Bawendi, Mounji G. et al.	
	18	US- 6,268,222	07-31-2001	Chanler, Mark et al.	
	19	US- 6,274,323	08-14-2001	Bruchez, Marcel P. et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	1	WO99/50916 A	10-07-1999	Bawendi, Mounji G. et al.		
	2	WO96/10282	04-04-1996	Michael Graham Burt		

Examiner Signature	Date Considered
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Application Number	10/536,569
Filing Date	May 26, 2005
First Named Inventor	Ulrich Weisner
Art Unit	
Examiner Name	
Attorney Docket Number	COR-004

Sheet 2 of 2**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	20	US- 6,306,610	10-23-2001	Bawendi, Mouni G. et al.	
	21	US- 6,319,426	11-20-2001	Bawendi, Mouni G. et al.	
	22	US- 6,322,901	11-27-2001	Bawendi, Mouni G. et al.	
	23	US- 6,326,144	12-04-2001	Bawendi, Mouni G. et al.	
	24	US- 6,344,272	02-05-2002	Oldenburg, S. et al.	
	25	US- 6,423,551	07-23-2002	Weiss, Shimon et al.	
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	27	US- 6,444,143	09-03-2002	Bawendi, Mouni G. et al.	
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	29	US- 6,479,146	11-12-2002	Caruso, F. et al.	
	30	US- 6,500,622	12-31-2002	Bruchez Jr., Marcel P. et al.	
	31	US- 6,548,264	04-15-2003	Tan, W. et al.	
	32	US- 6,576,219	06-10-2003	Brandt, James D. et al.	
	33	US- 6,649,138	11-18-2003	Adams, E. W. et al.	
		US-			
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		First Named Inventor	Ulrich Weisner
		Art Unit	
		Examiner Name	
Sheet 1	of 2	Attorney Docket Number	COR-004

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	A	GRAF, CHRISTINA et al., "Dye-labeled Poly(organosiloxane) Microgels with Core-shell Architecture (Pages 6170-6180)	
	B	JUNGSMANN, NADJA et al., "Communications-dye Loading of Amphiphilic Poly(organosiloxane) Nanoparticles (Pages 1713-1717)	
	C	XU, HAO et al., "A Real-time Ratiometric Method of the Determination of Molecular Oxygen Inside Living Cells Using Sol-Gel-Based Spherical...", 9/1/2001 (Pgs. 4124-4133)	
	D	BLAADEREN, A. VAN and VRIJ, A. VAN, "Synthesis and Characterization of Colloidal Dispersions of Fluorescent, Monodisperse Silica Spheres, 8/10/1992 (Pages 2921-2931)	
	E	BLAADEREN, A. VAN et al., "Three-dimensional Imaging of Submicrometer Colloidal Particles in Concentrated Suspensions Using Confocal Scanning Laser Microscopy (Pgs. 1514-1517)	
	F	KOO, YONG-EUM LEE et al., "Real-Time Measurements of Dissolved Oxygen Inside Live Cells by Organically Modified Silicate Fluorescent Nanosensors (Pages 2498-2505)	
	G	OW, HOOISWENG, et al., "Project Abstract", Poster Session: NYSTAR CAT: Biotechnology, (April 23, 2000)	
	H	SRIVASTAVA, MAMTA, et al., "Single Particle Tracking of Fluorescent Silica Nanoparticles Bound to IgE Receptors on RBL Mast Cells", National Conference: Biophysical Soc.	
	I	STOBER, WERNER et al., "Controlled Growth of Monodisperse Silica Spheres in the Micron Size Range", Journal of Colloid and Interface Science, Volume 26, (1968) 62-69	
	J	BRUCHEZ, et al., Science, 9/25/1998, 281 (5385), Pgs. 2013-2016	

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		First Named inventor	Ulrich Weisner
		Art Unit	
		Examiner Name	
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	K	LAL. et al., Chem. Mater., 9/2000, 12(9), Pgs. 2632-2639	
	L	Synthesis and Characterizations of a Size Series of Highly Luminescent Nanocrystallites; Journal of Physical Chemistry Vol. 101, No. 46, Nov. 13, 1997 (Pgs. 9463-9475)	

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